

**A NETWORK FOR MOBILE TELECOMMUNICATIONS, AND
COMMUNICATING DATA FROM A BASE STATION TO A BASE
STATION CONTROLLER**

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ABSTRACT

A method is provided of communicating data over an interface from a base station of a network for mobile telecommunications to a base station controller. The base station controller is operative to control the base station. The method comprises storing user data and diagnostic data for transmission, selecting user data for transmission in preference to diagnostic data, and selecting diagnostic data traffic for transmission when no user traffic data is stored for transmission.